Palm Harbor Homes – Deschutes – “Quiet Living” Home
2009 International Home Builders’ Show
Las Vegas, NV

Deschutes Statistics
• 2,107 (approximate) square feet

Energy Efficiency & Renewable Energy Features
• Energy Star and impact resistant windows (U=0.34, SHGC=0.34)
• Icynene spray insulation (walls = R27, roof = R33)
• 14 SEER /8.4 HSPF packaged heat pump
• Duct system performance tested
• Tankless water heater
• Extensive use of compact fluorescent lighting and LED (light emitting diodes) light fixtures
• Home has a HERS Index = 76

Indoor Air Quality & Noise Reduction Features
• VOC source control including zero VOC paint
• Outside air ventilation
• Duct system sealed with mastic and fiberglass mesh and performance tested
• Quiet exhaust fans

Other Green Building Features and Certifications
• Wireless dimmable lighting controls
• Resource efficient modular construction and construction waste management
• Meets Bronze level in all sections except lot design, preparation and development per the new NAHB National Green Home Building program
• Durable, low maintenance design
• California Title 24 compliant
• Builder is Building America Partner and Builders Challenge Participant

More information at the house in the Professional Builder Show Village, Blue Lot or at booth N1373
A Strong Energy Portfolio for a Strong America

Energy efficiency and clean, renewable energy will mean a stronger economy, a cleaner environment, and greater energy independence for America. Working with a wide array of state, community, industry, and university partners, the U.S. Department of Energy’s Office of Energy Efficiency and Renewable Energy invests in a diverse portfolio of energy technologies.

Research and Development of Buildings

Our nation’s buildings consume more energy than any other sector of the U.S. economy, including transportation and industry. Fortunately, the opportunities to reduce building energy use—and the associated environmental impacts—are significant.

DOE’s Building Technologies Program works to improve the energy efficiency of our nation’s buildings through innovative new technologies and better building practices. The program focuses on two key areas:

- Emerging Technologies
  Research and development of the next generation of energy-efficient components, materials, and equipment
- Technology Integration
  Integration of new technologies with innovative building methods to optimize building performance and savings

For more information contact
EERE Information Center
1-877-EERE-INF (1-877-337-3463)
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Visit our Web sites at:

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